

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32551	(pore or porous) and foam and polymer and (particle or solid or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:24
S2	0	S1 and @pd<10/4/96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:24
S3	7537	S1 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:05
S4	237	S3 and sinter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:37
S5	1	S4 and apatite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:25
S6	0	S4 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:38
S7	1355	S1 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:39
S8	7	S3 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:39

EAST Search History

S9	1353	S3 and (apatite or odixe or ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:06
S10	4476	S3 and (apatite or oxide or ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 07:48
S11	764	S9 and (bond or sinter or fuse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:09
S12	0	11and (bond or sinter or fuse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:09
S13	764	S11 and (bond or sinter or fuse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:09
S14	3	S11 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:12
S15	4	S9 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:13
S16	358	S9 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:13

EAST Search History

S17	265	S16 and (heat or sinter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:14
S18	0	S17 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:14
S19	0	S16 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:14
S20	32607	(pore or porous) and foam and polymer and (particle or solid or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 07:48
S21	7537	S20 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 07:48
S22	4476	S21 and (apatite or oxide or ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 07:48
S23	2	S22 and magder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 08:06
S24	1	("3833386").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 08:09
S25	1	("5082607").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 11:17

EAST Search History

S26	0	S25 and bubble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 11:17
S27	0	S25 and air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 11:17
S28	1	S25 and gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 11:18
S29	1	("5108956").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 11:18
S30	667	(bone (defect or substitute)) and porous and cell and ingrowth and (drug or (active agent) or pharmaceutical or medicament or (growth factor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 13:15
S31	667	S30 and pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 13:16
S32	58	S30 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 13:16
S39	7	ammonium persulfate and catalyst and initiator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:46
S40	6514	ammonium persulfate and catalyst and initiator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:47

EAST Search History

S41	5176	S40 and polymerization and radical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:47
S42	2499	S41 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:48
S43	1808	S42 and styrene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:48
S44	1544	S43 and methacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:55
S45	9784	electrophoresis gel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:55
S46	82	S45 and (ammonium persulfate), and radical and catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:56
S47	1695	S45 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:57
S53	1125	ceramic filter and pore size	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 07:01

EAST Search History

S64	1	porous alumina and (drug or agent or active or pharmaceutical or medicament) and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:31
S65	1288	porous alumina and (drug or agent or active or pharmaceutical or medicament) and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:33
S66	122	S65 and (release or deliver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:32
S67	156	porous alumina and (drug or pharmaceutical or medicament) and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:33
S68	16	S67 and (release or deliver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:34

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NEWS	5	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	6	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	7	MAY 21	CA/CAPLUS enhanced with additional kind codes for German patents
NEWS	8	MAY 22	CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS	9	JUN 27	CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS	10	JUN 29	STN Viewer now available
NEWS	11	JUN 29	STN Express, Version 8.2, now available
NEWS	12	JUL 02	LEMBASE coverage updated
NEWS	13	JUL 02	LMEDLINE coverage updated
NEWS	14	JUL 02	SCISEARCH enhanced with complete author names
NEWS	15	JUL 02	CHEMCATS accession numbers revised
NEWS	16	JUL 02	CA/CAPLUS enhanced with utility model patents from China
NEWS	17	JUL 16	CAPLUS enhanced with French and German abstracts
NEWS	18	JUL 18	CA/CAPLUS patent coverage enhanced
NEWS	19	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	20	JUL 30	USGENE now available on STN
NEWS	21	AUG 06	CAS REGISTRY enhanced with new experimental property tags
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NEWS	23	AUG 06	FSTA enhanced with new thesaurus edition
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NEWS	26	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	27	AUG 27	USPATOLD now available on STN
NEWS	28	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS EXPRESS	29	JUNE 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.
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E2 1 UNDERSINSURED/BI

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E5 33 UNDERSINTERED/BI
E6 12 UNDERSINTERING/BI
E7 1 UNDERSINUSOIDAL/BI
E8 1 UNDERSIO/BI
E9 1 UNDERSIOI/BI
E10 1 UNDERSIOID/BI
E11 3 UNDERSION/BI
E12 1 UNDERSIOO/BI

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L1 46 (UNDERSINTER/BI OR UNDERSINTERED/BI OR UNDERSINTERING/BI)

=> s l1 and (pd<1196)

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L2 0 L1 AND (PD<1196)

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=> focus l1

PROCESSING COMPLETED FOR L1

L3 46 FOCUS L1 1-

=> d 1 bib ti

L3 ANSWER 1 OF 46 USPATFULL on STN

AN 1998:123413 USPATFULL

TI Dielectric ceramic composition and monolithic ceramic capacitor using
the same

IN Mizuno, Shinobu, Muko, Japan
Tanaka, Hidehiko, Shiga-ken, Japan

PA Murata Manufacturing Co., Ltd., Kyoto, Japan (non-U.S. corporation)

PI US 5818686 19981006

AI US 1997-906036 19970805 (8)

PRAI JP 1996-206083 19960805

JP 1996-206084 19960805

DT Utility

FS Granted

EXNAM Primary Examiner: Kincaid, Kristine L.; Assistant Examiner: Dinkins,
Anthony

LREP Ostrolenk, Faber, Gerb & Soffen, LLP

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 5 Drawing Figure(s); 4 Drawing Page(s)

LN.CNT 1615

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Dielectric ceramic composition and monolithic ceramic capacitor using the same

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L4 22 L1 AND (PY<1996)

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=> d 1-22 ibib

L4 ANSWER 1 OF 22 ANTE COPYRIGHT 2007 CSA on STN

ACCESSION NUMBER: 2004088742 ANTE

DOCUMENT NUMBER: 9114275

TITLES: Optimisation of Processing Parameters for Direct Vacuum Sintering of a T15 High Speed Steel

AUTHOR: Santos, M; Oliveira, M M; Rebbeck, M M; Wronski, A S

CORPORATE SOURCE: LNETI

SOURCE: Powder Metallurgy. Vol. 34, no. 2, pp. 93-100. 1991
Published by: Institute of Materials, 1 Carlton House
Terrace, London, SW1Y 5DB, UK
ISSN: 0032-5899

LANGUAGE: English

OTHER SOURCE: Metadex (MD)

L4 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1993:676405 CAPLUS

DOCUMENT NUMBER: 119:276405

TITLE: Aspects of dimensional control during manufacture of bronze self lubricating bearings

AUTHOR(S): Berry, D. F.; Klar, E.; Veloff, N.

CORPORATE SOURCE: SCM Met. Prod., Inc., Research Triangle Park, NC,
27709, USA

SOURCE: Advances in Powder Metallurgy & Particulate Materials
(1992), (Vol. 6, Non-Ferrous Materials),
51-61

CODEN: APMME3; ISSN: 1065-5824

DOCUMENT TYPE: Journal

LANGUAGE: English

L4 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:636786 CAPLUS

DOCUMENT NUMBER: 115:236786

TITLE: Optimization of processing parameters for direct
vacuum sintering of a T15 high speed steel

AUTHOR(S): Santos, M.; Oliveira, M. M.; Rebbeck, M. M.; Wronski, A. S.
CORPORATE SOURCE: Dep. Mater. Technol., LNETI, Lisbon, Port.
SOURCE: Powder Metallurgy (1991), 34(2), 93-100
CODEN: PWMTAU; ISSN: 0032-5899
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:61615 CAPLUS
DOCUMENT NUMBER: 110:61615
TITLE: Combined effects of sintering, HIP'ing and heat-treating parameters on the cutting properties of T15 high-speed steel

AUTHOR(S): Martins, I. M.; Santos, M.; Oliveira, M. M.; Carvalhinhos, H.
CORPORATE SOURCE: Dep. Mater. Technol., LNETI, Lisbon, Port.
SOURCE: Modern Developments in Powder Metallurgy (1988), 19, 319-28
CODEN: MDPDB2; ISSN: 0097-2223
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:61604 CAPLUS
DOCUMENT NUMBER: 110:61604
TITLE: Microstructures, mechanical, and cutting properties of directly sintered and wrought M2, T1, T6, and T42 high speed steels
AUTHOR(S): Wronski, A. S.; Rebbeck, M. M.; Wright, C. S.; Price, W. J. C.; Childs, T. H. C.
CORPORATE SOURCE: Eng. Mater. Group, Univ. Bradford, Bradford/W. Yorks., BD7 1DP, UK
SOURCE: Adv. Hard Mater. Prod., Conf. Proc. (1988), 28/1-28/22. MPR Publ. Serv. Ltd.: Shrewsbury, UK.
CODEN: 56KRA4
DOCUMENT TYPE: Conference
LANGUAGE: English

L4 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:25115 CAPLUS
DOCUMENT NUMBER: 108:25115
TITLE: Toughness of vacuum sintered P/M high-speed steels
AUTHOR(S): Beiss, P.; Waehling, R.; Duda, D.
CORPORATE SOURCE: Sintermetallwerk Krebssoege G.m.b.H., Radevormwald, D-5608, Fed. Rep. Ger.
SOURCE: Modern Developments in Powder Metallurgy (1985), Volume Date 1984, 17, 331-57
CODEN: MDPDB2; ISSN: 0097-2223
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English

L4 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1970:34498 CAPLUS
DOCUMENT NUMBER: 72:34498
TITLE: Kinetic features of magnetizing roasting of Krivoi-Rog quartzites in a fluidized bed

AUTHOR(S): Ivanov, A. I.
CORPORATE SOURCE: Donets. Politekh. Inst., Donetsk, USSR
SOURCE: Izvestiya Vysshikh Uchebnykh Zavedenii, Chernaya
Metallurgiya (1969), 12(10), 34-7
CODEN: IVUMAX; ISSN: 0368-0797
DOCUMENT TYPE: Journal
LANGUAGE: Russian

L4 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1965:14233 CAPLUS
DOCUMENT NUMBER: 62:14233
ORIGINAL REFERENCE NO.: 62:2570d-g
TITLE: Sintering of Alnico powder magnets in glass containers
AUTHOR(S): Yarnton, D.; Torry, M.; Dawson, C.
CORPORATE SOURCE: Coll. Technol., Rotherham, UK
SOURCE: Powder Met. (1964), 7(14), 300-12
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 9 OF 22 COMPENDEX COPYRIGHT 2007 EEI on STN
ACCESSION NUMBER: 1992(2):16565 COMPENDEX
DOCUMENT NUMBER: 920224169
TITLE: Optimisation of processing parameters for direct
vacuum sintering of a T15 high speed steel.
AUTHOR: Santos, M. (LNETI, Lisbon, Port); Oliveira, M.M.;
Rebbeck, M.M.; Wronski, A.S.
SOURCE: Powder Metall v 34 n 2 1991 p 93-100
SOURCE: Powder Metall v 34 n 2 1991 p 93-100
CODEN: PWMTAU ISSN: 0032-5899
PUBLICATION YEAR: 1991
DOCUMENT TYPE: Journal
TREATMENT CODE: Experimental
LANGUAGE: English

L4 ANSWER 10 OF 22 COMPENDEX COPYRIGHT 2007 EEI on STN
ACCESSION NUMBER: 1988(8):108850 COMPENDEX
DOCUMENT NUMBER: 880876933
TITLE: PROCESSING VARIABLES AND CUTTING PROPERTIES OF VACUUM
SINTERED M2 AND T15 STEEL TOOLS.
AUTHOR: Oliveira, M.M. (LNETI, Lisbon, Port); Martins, I.M.;
Mesquita, R.M.D.; Marques, M.B.; Carvalhinhos, H.
SOURCE: Met Powder Rep v 43 n 3 Mar 1988 p 196-197
SOURCE: Met Powder Rep v 43 n 3 Mar 1988 p 196-197
CODEN: MPWRAQ ISSN: 0026-0657
PUBLICATION YEAR: 1988
DOCUMENT TYPE: Journal
TREATMENT CODE: Experimental
LANGUAGE: English

L4 ANSWER 11 OF 22 COMPENDEX COPYRIGHT 2007 EEI on STN
ACCESSION NUMBER: 1987(7):117393 COMPENDEX
TITLE: PROCESSING VARIABLES AND CUTTING PROPERTIES OF VACUUM
SINTERED M2 AND T15 STEEL TOOLS.
AUTHOR: Oliveira, M.M. (LNETI, Lisbon, Port); Martins, I.M.;
Mesquita, R.M.D.; Marques, M.B.; Carvalhinhos, H.
MEETING TITLE: Horizons of Powder Metallurgy. Proceedings of the 1986
International Powder Metallurgy Conference and

MEETING ORGANIZER: Exhibition: The Future of Powder Metallurgy, P/M '86.
Ausschuss fuer Pulvermetallurgie, Hagen, West Ger;
European Powder Metallurgy Federation
MEETING LOCATION: Duesseldorf, West Ger
MEETING DATE: 07 Jul 1986-11 Jul 1986
SOURCE: v 1. Publ by Verlag Schmid GmbH, Freiburg, West Ger p
233-236
SOURCE: v 1. Publ by Verlag Schmid GmbH, Freiburg, West Ger p
233-236
PUBLICATION YEAR: 1986
MEETING NUMBER: 09828
DOCUMENT TYPE: Conference Article
LANGUAGE: English

L4 ANSWER 12 OF 22 COMPENDEX COPYRIGHT 2007 EEI on STN
ACCESSION NUMBER: 1980(6):7106 COMPENDEX
DOCUMENT NUMBER: 800647111
TITLE: OUTPUT CONTROL FROM A SINTER STRAND THROUGH THE
MANIPULATION OF STRAND SPEED; RECENT RESULTS OF A
SIMULATION INVESTIGATION.
AUTHOR: Radmanesh, A. (Univ of Sheffield, Engl); Rose, E.
SOURCE: Proc IEEE Conf Decis Control Incl Symp Adapt Processes
18th, Fort Lauderdale, Fla, Dec 12-14 1979. Publ by
IEEE (Cat n 79CH1486-OCS), New York, NY, 1979 v 2 p
903-904
SOURCE: Proc IEEE Conf Decis Control Incl Symp Adapt Processes
18th, Fort Lauderdale, Fla, Dec 12-14 1979. Publ by
IEEE (Cat n 79CH1486-OCS), New York, NY, 1979 v 2 p
903-904
CODEN: PCDCDZ
PUBLICATION YEAR: 1979
LANGUAGE: English

L4 ANSWER 13 OF 22 INSPEC (C) 2007 IET on STN
ACCESSION NUMBER: 1991:4009276 INSPEC
DOCUMENT NUMBER: A1991-144480
TITLE: Optimisation of processing parameters for direct
vacuum sintering of a T15 high speed steel
AUTHOR: Santos, M.; Oliveira, M.M.; (Dept. of Mater.
Technol., LNETI, Lisbon, Portugal), Rebbeck, M.M.;
Wronski, A.S.
SOURCE: Powder Metallurgy (1991), vol.34, no.2, p. 93-100, 10
refs.
CODEN: PWMTAU, ISSN: 0032-5899
DOCUMENT TYPE: Journal
TREATMENT CODE: Experimental
COUNTRY: United Kingdom
LANGUAGE: English

L4 ANSWER 14 OF 22 METADEX COPYRIGHT 2007 CSA on STN
ACCESSION NUMBER: 1993(5):54-425 METADEX
TITLE: Aspects of Dimensional Control During Manufacture of
Bronze Self Lubricating Bearings.
AUTHOR: Barry, D.F. (SCM Metal Products); Klar, E. (SCM Metal
Products); Veloff, N. (SCM Metal Products)
SOURCE: Published by: Metal Powder Industries Federation. 105
College Rd. East, Princeton, New Jersey 08540-6692,

USA. 1992, pp. 51-61, Graphs,
Photomicrographs, 13 ref. Accession Number:
93(5):72-266
Conference: Advances in Powder Metallurgy &
Particulate Materials-1992. Vol. 6. Non-Ferrous
Materials, San Francisco, California, USA, 21-26 June
1992

DOCUMENT TYPE: Conference Article
COUNTRY: United States
LANGUAGE: English

L4 ANSWER 15 OF 22 METADEX COPYRIGHT 2007 CSA on STN
ACCESSION NUMBER: 1991(11):54-1411 METADEX
TITLE: Optimisation of Processing Parameters for Direct
Vacuum Sintering of a T15 High Speed Steel.
AUTHOR: Santos, M.; Oliveira, M.M.; Rebbeck, M.M.; Wronski,
A.S.
CORPORATE SOURCE: LNETI; University of Bradford
SOURCE:

Powder Metallurgy (1991), vol. 34, (2), pp.
93-100
ISSN: 0032-5899

DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 16 OF 22 USPATFULL on STN
ACCESSION NUMBER: 95:77927 USPATFULL
TITLE: Heat-resistant metal monolith and manufacturing method
therefor
INVENTOR(S): Harada, Takashi, Nagoya, Japan
Mizuno, Hiroshige, Tajimi, Japan
Abe, Fumio, Handa, Japan
Ohashi, Tsuneaki, Ohgaki, Japan
PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5445786		19950829	<--
APPLICATION INFO.:	US 1994-354889		19941209	(8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-118771, filed on 10 Sep 1993, now abandoned which is a division of Ser. No. US 1992-955247, filed on 1 Oct 1992, now patented, Pat. No. US 5292485 which is a continuation of Ser. No. US 1990-545488, filed on 29 Jun 1990, now abandoned			

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1990-88955	19900403
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Walsh, Donald P.	
ASSISTANT EXAMINER:	Jenkins, Daniel	
LEGAL REPRESENTATIVE:	Parkhurst, Wendel & Rossi	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	504	

L4 ANSWER 17 OF 22 USPATFULL on STN

ACCESSION NUMBER: 95:43106 USPATFULL
 TITLE: Dielectric ceramic composition for low temperature sintering
 INVENTOR(S): Azumi, Takeshi, Nagaokakyo, Japan
 Yoneda, Yasunobu, Nagaokakyo, Japan
 Morii, Hiroshi, Nagaokakyo, Japan
 PATENT ASSIGNEE(S): Murata Manufacturing Co., Ltd., Kyoto, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5415945		19950516 <--
APPLICATION INFO.:	US 1992-890390		19920526 (7)
DISCLAIMER DATE:	20080205		
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-716820, filed on 17 Jun 1991, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1990-161764	19900619
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Thibodeau, Paul J.	
ASSISTANT EXAMINER:	Follett, R.	
LEGAL REPRESENTATIVE:	Ostrolenk, Faber, Gerb & Soffen	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	351	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 18 OF 22 USPATFULL on STN

ACCESSION NUMBER: 94:19925 USPATFULL
 TITLE: Heat-resistant metal monolith
 INVENTOR(S): Harada, Takashi, Nagoya, Japan
 Mizuno, Hiroshige, Tajimi, Japan
 Abe, Fumio, Handa, Japan
 Ohashi, Tsuneaki, Ohgaki, Japan
 PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5292485		19940308 <--
APPLICATION INFO.:	US 1992-955247		19921001 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1990-545488, filed on 29 Jun 1990		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1990-88955	19900403
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Housel, James C.	
ASSISTANT EXAMINER:	Bhat, N.	
LEGAL REPRESENTATIVE:	Parkhurst, Wendel & Rossi	

NUMBER OF CLAIMS: 20
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)
 LINE COUNT: 570

L4 ANSWER 19 OF 22 USPATFULL on STN

ACCESSION NUMBER: 91:10490 USPATFULL
 TITLE: Aluminide structures and method
 INVENTOR(S): Pierotti, Kim D., Painted Post, NY, United States
 Swaroop, Srinivas H., Painted Post, NY, United States
 Wusirika, Raja R., Painted Post, NY, United States
 PATENT ASSIGNEE(S): Corning Incorporated, Corning, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4990181		19910205	<--
APPLICATION INFO.:	US 1989-323449		19890314	(7)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Lechert, Jr., Stephen J.			
LEGAL REPRESENTATIVE:	Wardell, Richard N.			
NUMBER OF CLAIMS:	26			
EXEMPLARY CLAIM:	1			
LINE COUNT:	329			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 22 USPATFULL on STN

ACCESSION NUMBER: 88:45356 USPATFULL
 TITLE: Porous metal bodies
 INVENTOR(S): Pierotti, Kim D., Painted Post, NY, United States
 Wusirika, Raja R., Painted Post, NY, United States
 PATENT ASSIGNEE(S): Corning Glass Works, Corning, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4758272		19880719	<--
APPLICATION INFO.:	US 1987-54845		19870527	(7)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Lechert, Jr., Stephen J.			
LEGAL REPRESENTATIVE:	Wardell, Richard N., Janes, Jr., Clinton S.			
NUMBER OF CLAIMS:	16			
EXEMPLARY CLAIM:	1			
LINE COUNT:	372			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 21 OF 22 USPATFULL on STN

ACCESSION NUMBER: 82:46579 USPATFULL
 TITLE: Prosthetic devices having sintered thermoplastic coatings with a porosity gradient
 INVENTOR(S): Ballintyn, Nicolaas J., Somerville, NJ, United States
 Michno, Jr., Michael J., Bridgewater, NJ, United States
 PATENT ASSIGNEE(S): Union Carbide Corporation, Danbury, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4351069		19820928	<--
APPLICATION INFO.:	US 1979-103399		19791213	(6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1979-53192, filed on 29 Jun 1979, now abandoned			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Frinks, Ronald L.			
LEGAL REPRESENTATIVE:	Papuga, Donald M.			
NUMBER OF CLAIMS:	20			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)			
LINE COUNT:	677			
CAS INDEXING IS AVAILABLE FOR THIS PATENT.				

L4 ANSWER 22 OF 22 USPATFULL on STN

ACCESSION NUMBER: 75:6566 USPATFULL

TITLE: METHOD FOR MAKING AN ELECTRIC CONTACT BY POWDER METALLURGY AND THE RESULTING CONTACT

INVENTOR(S): Schreiner, Horst, Nuremberg, Germany, Federal Republic of
Rothkegel, Bernhard, Nuremberg, Germany, Federal Republic of

PATENT ASSIGNEE(S): Siemens Aktiengesellschaft, Munich, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 3864827		19750211	<--
APPLICATION INFO.:	US 1972-283409		19720824	(5)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1971-2143844	19710901
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lanham, C. W.	
ASSISTANT EXAMINER:	Duzan, James R.	
LEGAL REPRESENTATIVE:	Kenyon & Kenyon Reilly Carr & Chapin	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	644	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
122.27	122.48

FULL ESTIMATED COST

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 FILE 'USPAT2' ENTERED AT 13:45:08 ON 04 SEP 2007
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SINCE FILE	TOTAL
ENTRY	SESSION
122.72	122.93

FULL ESTIMATED COST

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E UNDERSINT
L1 46 S E4, E5, E6
L2 0 S L1 AND (PD<1196)
L3 46 FOCUS L1 1-
L4 22 S L1 AND (PY<1996)

=> sl3 not l4
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"HELP COMMANDS" at an arrow prompt (=>).

=> s l3 not l4
21 FILES SEARCHED...
36 FILES SEARCHED...
L5 24 L3 NOT L4

=> d 1-23 ibib

L5 ANSWER 1 OF 24 1MOBILITY COPYRIGHT 2007 SAE on STN
ACCESSION NUMBER: 1998:1475 1MOBILITY
DOCUMENT NUMBER: 980334
TITLE: The warm compaction process. Basics, advantages and limitations
AUTHOR: Bocchini, G. Filippo(P/M Progress)
SOURCE: (1998 Feb) . Society of Automotive Engineers, Inc., Warrendale, Pennsylvania, USA.
Meeting Info.: SAE International Congress and Exposition. Detroit, Michigan, USA. 1998 Feb 23 - 1998 Feb 26.
PUB. COUNTRY: United States
DOCUMENT TYPE: Conference Article; (Technical Paper)
FILE SEGMENT: SAE
LANGUAGE: English

L5 ANSWER 2 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:474848 CAPLUS
DOCUMENT NUMBER: 131:231660
TITLE: Warm compaction of metal powders: why it works, why it requires a sophisticated engineering approach
AUTHOR(S): Bocchini, G. F.
CORPORATE SOURCE: Rapallo, 16035, Italy
SOURCE: Powder Metallurgy (1999), 42(2), 171-180
CODEN: PWMTAU; ISSN: 0032-5899
PUBLISHER: Institute of Materials
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1999:474843 CAPLUS
 DOCUMENT NUMBER: 131:231431
 TITLE: Supersolidus liquid phase sintering of high speed steels. Part 3: computer aided design of sinterable alloys
 AUTHOR(S): Wright, C. S.; Youseffi, M.; Wronski, A. S.; Ansara, I.; Durand-Charre, M.; Mascarenhas, J.; Oliveira, M. M.; Lemoisson, F.; Bienvenu, Y.
 CORPORATE SOURCE: Engineering Materials Research Group, Department of Mechanical and Medical Engineering, University of Bradford, Bradford, BD7 1DP, UK
 SOURCE: Powder Metallurgy (1999), 42(2), 131-146
 CODEN: PWMTAU; ISSN: 0032-5899
 PUBLISHER: Institute of Materials
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1996:509647 CAPLUS
 DOCUMENT NUMBER: 125:147539
 TITLE: Method for sintering iron ore
 INVENTOR(S): Shimakawa, Yoshiaki; Nakasaki, Akikazu
 PATENT ASSIGNEE(S): Shinnippon Seitetsu KK, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08143981	A	19960604	JP 1994-312608	19941121
PRIORITY APPLN. INFO.:			JP 1994-312608	19941121

L5 ANSWER 5 OF 24 COMPENDEX COPYRIGHT 2007 EEI on STN
 ACCESSION NUMBER: 1999(36):4000 COMPENDEX
 TITLE: Supersolidus liquid phase sintering of high speed steels. Part 3: Computer aided design of sinterable alloys.
 AUTHOR: Wright, C.S. (Univ of Bradford, Bradford, UK); Youseffi, M.; Wronski, A.S.; Ansara, I.; Durand-Charre, M.; Mascarenhas, J.; Oliveira, M.M.; Lemoisson, F.; Bienvenu, Y.
 SOURCE: Powder Metallurgy v 42 n 2 1999.p 131-146
 SOURCE: Powder Metallurgy v 42 n 2 1999.p 131-146
 CODEN: PWMTAU ISSN: 0032-5899
 PUBLICATION YEAR: 1999
 DOCUMENT TYPE: Journal
 TREATMENT CODE: Experimental
 LANGUAGE: English

L5 ANSWER 6 OF 24 IFIPAT COPYRIGHT 2007 IFI on STN
 AN 10746026 IFIPAT;IFIUDB;IFICDB

TITLE: PRODUCTION OF POROUS ARTICLES; A CERAMIC PARTICLE DISPERSION IN A MONOMERIC SOLUTION IS FOAMED, POLYMERIZED, AND DRIED; BONE CELLS OR DRUGS ARE ADHERED TO THE PORES; BONE GRAFTS FOR ORTHOPEDICS, SURGERY OR DENTISTRY

INVENTOR(S): Sambrook; Rodney Martin, Sheffield, GB
Smith; Robert Terence, Rotherham, GB

PATENT ASSIGNEE(S): Dytech Corporation Limited, Sheffield, GB

AGENT: CAESAR, RIVISE, BERNSTEIN,; COHEN & POKOTILOV, LTD.,
11TH FLOOR, SEVEN PENN CENTER, PHILADELPHIA, PA,
19103-2212, US

	NUMBER	PK	DATE
PATENT INFORMATION:	US 2004253279	A1	20041216
APPLICATION INFORMATION:	US 2004-820627		20040408

	APPLN. NUMBER	DATE	GRANTED PATENT NO. OR STATUS
CONTINUATION OF:	US 1999-269999	19990628	ABANDONED

	NUMBER	DATE
PRIORITY APPLN. INFO.:	GB 1996-207527	19961004
FAMILY INFORMATION:	US 2004253279	20041216
DOCUMENT TYPE:	Utility Patent Application - First Publication	
FILE SEGMENT:	CHEMICAL APPLICATION	
ENTRY DATE:	Entered STN: 20 Dec 2004 Last Updated on STN: 4 Jan 2007	

PARENT CASE DATA:

This Application is a Continuation of U.S. application Ser. No. 09/269,999 filed Jun. 28, 1999, which is a U.S. National Stage Application under 35 U.S.C. (sec) 371, based on the International Application No. PCT/GB97/02705 filed Oct. 1, 1997.

NUMBER OF CLAIMS: 18

L5 ANSWER 7 OF 24 INSPEC (C) 2007 IET on STN

ACCESSION NUMBER: 1999:6374788 INSPEC

DOCUMENT NUMBER: A1999-22-8120G-012

TITLE: Supersolidus liquid phase sintering of high speed steels. 3. Computer aided design of sinterable alloys

AUTHOR: Wright, C.S.; Youseffi, M.; Wronski, A.S.; (Dept. of Mech. & Med. Eng., Bradford Univ., UK), Ansara, I.; Durand-Charre, M.; Mascarenhas, J.; Oliveira, M.M.; Lemoisson, F.; Bienvenu, Y.

SOURCE: Powder Metallurgy (1999), vol.42, no.2, p. 131-46, 32 refs.
CODEN: PWMTAU, ISSN: 0032-5899
SICI: 0032-5899(1999)42:2L.131:SLPS;1-V
Published by: Inst. Mater, UK

DOCUMENT TYPE: Journal

TREATMENT CODE: Experimental
COUNTRY: United Kingdom
LANGUAGE: English

L5 ANSWER 8 OF 24 MECHENG COPYRIGHT 2007 CSA on STN
ACCESSION NUMBER: 2007138516 MECHENG
DOCUMENT NUMBER: 200705-20-109395
TITLES: The Warm Compaction Process. Basics, Advantages and Limitations
AUTHOR: Bocchini, G F
CORPORATE SOURCE: G F Bocchini
SOURCE: Feb. 1998, 19980200
Published by: Society of Automotive Engineers, 400 Commonwealth Dr., Warrendale, PA, 15096, USA, [DRL: http://www.sae.org/servlets/productDetail?PROD_TYP=PAPER&PROD_CD=980334 <http://www.sae.org>]
NUMBER OF REPORT: SAE Document 980334
DOCUMENT TYPE: Conference Article
LANGUAGE: English
NOTE: International Congress & Exposition, February 1998, Detroit, MI, USA, Session: P/M Applications

L5 ANSWER 9 OF 24 MECHENG COPYRIGHT 2007 CSA on STN
ACCESSION NUMBER: 2004144182 MECHENG
DOCUMENT NUMBER: 2001-61-000297
TITLES: The warm compaction process. Basics, advantages and limitations
AUTHOR: Bocchini, G F
CORPORATE SOURCE: P/M Consulting
SOURCE: SAE Transactions: Journal of Materials & Manufacturing. Vol. 107, pp. 225-236. 1998, Graphs, 5 ref.
Published by: Society of Automotive Engineers, 400 Commonwealth Dr , Warrendale, PA, 15096, USA
ISSN: 0096-736X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE: Metadex (MD)

L5 ANSWER 10 OF 24 METADEX COPYRIGHT 2007 CSA on STN
ACCESSION NUMBER: 2000(3):54-366 METADEX
TITLE: Warm compaction of metal powders. why it works, why it requires a sophisticated engineering approach.
AUTHOR: Bocchini, G.F. (P/M Consultant)
SOURCE: Advances in Powder Metallurgy & Particulate Materials-1998. Volume 1, Parts 1-4 (June 1999), pp. 4.29-4.42, Graphs, 5 ref.
Published by: Metal Powder Industries Federation. 105 College Rd. East, Princeton, NJ 08540-6692, USA
Conference: 1998 International Conference and Exhibition on Powder Metallurgy and Particulate Materials, Las Vegas, NV, USA, 31 May-4 June 1999
ISBN: 1-878954-68-7
DOCUMENT TYPE: Conference Article
COUNTRY: United States
LANGUAGE: English

L5 ANSWER 11 OF 24 METADEX COPYRIGHT 2007 CSA on STN

ACCESSION NUMBER: 2000(1):54-130 METADEX
TITLE: The warm compaction process. Basics, advantages and limitations.
AUTHOR: Bocchini, G.F. (P/M Consulting)
SOURCE: SAE Transactions: Journal of Materials & Manufacturing (1998), vol. 107, pp. 225-236, Graphs, Numerical Data, 5 ref.
ISSN: 0096-736X
DOCUMENT TYPE: Journal
COUNTRY: United States
LANGUAGE: English

L5 ANSWER 12 OF 24 PASCAL COPYRIGHT 2007 INIST-CNRS. ALL RIGHTS RESERVED.
on STN

ACCESSION NUMBER: 1999-0414117 PASCAL
COPYRIGHT NOTICE: Copyright .COPYRGT. 1999 INIST-CNRS. All rights reserved.
TITLE (IN ENGLISH): Warm compaction of metal powders : why it works, why it requires a sophisticated engineering approach
AUTHOR: BOCCHINI G. F.
CORPORATE SOURCE: Via A. Vespucci 48/18, Rapallo 16035, Italy
SOURCE: Powder metallurgy, (1999), 42(2), 171-180, 13 refs.
ISSN: 0032-5899 CODEN: PWMTAU
DOCUMENT TYPE: Journal
BIBLIOGRAPHIC LEVEL: Analytic
COUNTRY: United Kingdom
LANGUAGE: English
AVAILABILITY: INIST-9286, 354000085876030080

L5 ANSWER 13 OF 24 PASCAL COPYRIGHT 2007 INIST-CNRS. ALL RIGHTS RESERVED.
on STN

ACCESSION NUMBER: 1999-0414112 PASCAL
COPYRIGHT NOTICE: Copyright .COPYRGT. 1999 INIST-CNRS. All rights reserved.
TITLE (IN ENGLISH): Supersolidus liquid phase sintering of high speed steels. Part 3: Computer aided design of sinterable alloys
AUTHOR: WRIGHT C. S.; YOUSEFFI M.; WRONSKI A. S.; ANSARA I.; DURAND-CHARRE M.; MASCARENHAS J.; OLIVEIRA M. M.; LEMOISSON F.; BIENVENU Y.
CORPORATE SOURCE: Engineering Materials Research Group, Department of Mechanical and Medical Engineering, University of Bradford, Bradford BD7 1DP, United Kingdom; INPG, BP 75, 38402 St Martin d'Heres, France; INETI, Lisbon, Portugal; Ecole des Mines de Paris, Centre des Materiaux, 91003 Evry, France
SOURCE: Powder metallurgy, (1999), 42(2), 131-145, 28 refs.
ISSN: 0032-5899 CODEN: PWMTAU
DOCUMENT TYPE: Journal
BIBLIOGRAPHIC LEVEL: Analytic
COUNTRY: United Kingdom
LANGUAGE: English
AVAILABILITY: INIST-9286, 354000085876030030

L5 ANSWER 14 OF 24 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN

ACCESSION NUMBER: 1999:604619 SCISEARCH
THE GENUINE ARTICLE: 222HM
TITLE: Warm compaction of metal powders: why it works, why it requires a sophisticated engineering approach
AUTHOR: Bocchini G F (Reprint)
CORPORATE SOURCE: Via A Vespucci 48-18, I-16035 Rapallo, Italy (Reprint)
COUNTRY OF AUTHOR: Italy
SOURCE: POWDER METALLURGY, (1999) Vol. 42, No. 2, pp. 171-180.
ISSN: 0032-5899.
PUBLISHER: I O M COMMUNICATIONS LTD INST MATERIALS, 1 CARLTON HOUSE TERRACE, LONDON SW1Y 5DB, ENGLAND.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 13
ENTRY DATE: Entered STN: 1999
Last Updated on STN: 1999
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L5 ANSWER 15 OF 24 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN

ACCESSION NUMBER: 1999:604614 SCISEARCH
THE GENUINE ARTICLE: 222HM
TITLE: Supersolidus liquid phase sintering of high speed steels Part 3: computer aided design of sinterable alloys
AUTHOR: Wright C S (Reprint); Youseffi M; Wronski A S; Ansara I; Durand-Charre M; Mascarenhas J; Oliveira M.M; Lemoisson F; Bienvenu Y
CORPORATE SOURCE: Univ Bradford, Dept Mech & Media Engn, Engn Mat Res Grp, Bradford BD7 1DP, W Yorkshire, England (Reprint); Inst Natl Polytech Grenoble, F-38402 St Martin Dheres, France; INETI, Lisbon, Portugal; Ecole Mines Paris, Ctr Mat, F-91003 Evry, France
COUNTRY OF AUTHOR: England; France; Portugal
SOURCE: POWDER METALLURGY, (1999) Vol. 42, No. 2, pp. 131-146.
ISSN: 0032-5899.
PUBLISHER: I O M COMMUNICATIONS LTD INST MATERIALS, 1 CARLTON HOUSE TERRACE, LONDON SW1Y 5DB, ENGLAND.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 32
ENTRY DATE: Entered STN: 1999
Last Updated on STN: 1999
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L5 ANSWER 16 OF 24 TEMA COPYRIGHT 2007 FIZ TECHNIK on STN

ACCESSION NUMBER: M99071675678 TEMA
TITLE: Supersolidus liquid phase sintering of high speed steels. Part 3: computer aided design of sinterable alloys
AUTHOR: Wright, C.S.; Youseffi, M.; Wronski, A.S.; Ansara, I.; Durand-Charre, M.; Mascarenhas, J.; Oliveira, M.M.; Lemoisson, F.; Bienvenu, Y.
CORPORATE SOURCE: Univ. of Bradford, GB; INPG St. Martin d'Heres, F; INETI Lisbon, P; Ecole des Mines de Paris, Evry, F
SOURCE: Powder Metallurgy, 1999, v. 42 (2), p131-146, 16pp,13fig.,14tab.,32ref.ISSN: 0032-5899
DOCUMENT TYPE: Journal

LANGUAGE: English

L5 ANSWER 17 OF 24 TEMA COPYRIGHT 2007 FIZ TECHNIK on STN
 ACCESSION NUMBER: M99071680678 TEMA
 TITLE: Warm compaction of metal powders: why it works, why it requires a sophisticated engineering approach
 AUTHOR: Bocchini, G.F.
 SOURCE: Powder Metallurgy, 1999, v. 42 (2), p171-180, 10pp, 9fig., 3tab., 13ref. ISSN: 0032-5899
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L5 ANSWER 18 OF 24 USPATFULL on STN
 ACCESSION NUMBER: 2005:16572 USPATFULL
 TITLE: Implant
 INVENTOR(S): Richter, Paul Wilhelm, Pretoria, SOUTH AFRICA
 Ripamonti, Ugo, Constantia, SOUTH AFRICA
 Thomas, Michael Edward, Pretoria, SOUTH AFRICA
 Coetzee, Gert Hendrik Jacobus, Pretoria, SOUTH AFRICA
 LR

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005013973	A1	20050120
APPLICATION INFO.:	US 2004-466659	A1	20040506 (10)
	WO 2002-IB80		20020114

	NUMBER	DATE
PRIORITY INFORMATION:	ZA 2001-575	20010119
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	William S Frommer, Frommer Lawrence & Haug, 745 Fifth Avenue, New York, NY, 10151	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	699	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L5 ANSWER 19 OF 24 USPATFULL on STN
 ACCESSION NUMBER: 2004:320626 USPATFULL
 TITLE: Production of porous articles
 INVENTOR(S): Smith, Robert Terence, Rotherham, UNITED KINGDOM
 Sambrook, Rodney Martin, Sheffield, UNITED KINGDOM
 PATENT ASSIGNEE(S): Dytech Corporation Limited, Sheffield, UNITED KINGDOM (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004253279	A1	20041216
APPLICATION INFO.:	US 2004-820627	A1	20040408 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-269999, filed on 28 Jun 1999, ABANDONED A 371 of International Ser. No. WO 1997-GB2705, filed on 1 Oct 1997, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1996-20752	19961004
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CAESAR, RIVISE, BERNSTEIN,, COHEN & POKOTILOW, LTD., 11TH FLOOR, SEVEN PENN CENTER, PHILADELPHIA, PA, 19103-2212	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	CLM-01-19	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	395	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L5 ANSWER 20 OF 24 USPATFULL on STN
 ACCESSION NUMBER: 2003:213501 USPATFULL
 TITLE: Process for producing ceramic member for bonding,
 ceramic member for bonding, vacuum switch, and vacuum
 vessel
 INVENTOR(S): Makino, Yusuke, Kasugai-shi, JAPAN
 PATENT ASSIGNEE(S): NGK SPARK PLUG CO., LTD. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003148138	A1	20030807
	US 6733871	B2	20040511
APPLICATION INFO.:	US 2002-265144	A1	20021007 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-310026	20011005
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SUGHRUE MION, PLLC, 2100 PENNSYLVANIA AVENUE, N.W., WASHINGTON, DC, 20037	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	1553	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L5 ANSWER 21 OF 24 USPATFULL on STN
 ACCESSION NUMBER: 2000:106197 USPATFULL
 TITLE: Continuous microwave rotary furnace for processing
 sintered ceramics
 INVENTOR(S): Jayan, Ponnarassery Sukumaran, Quarter No. 1
 Carborundum Universal Ltd Kalamassery Development Plot,
 Cochin 683109, India
 Ananthaseshan, Narayanan, 19th J M Gardens, Pallikkavu
 Temple Rd., Vaduthala, Ernakulam 682 023, India
 Subramaniam, Balachandran, "The Kasl", Yamuna Nagar,
 South Kalamassery Cochin University P.O., Kochi 682
 022, India
 Murugappan, Murugappan Vellayan, 15, Boat Club Rd.,
 Chennai 600 028, India

NUMBER	KIND	DATE
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 PATENT INFORMATION: US 6104015 20000815
 APPLICATION INFO.: US 1999-227872 19990108 (9)
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Walberg, Teresa
 ASSISTANT EXAMINER: Pwu, Jeffrey C
 LEGAL REPRESENTATIVE: Felsman, Bradley, Vaden, Gunter & Dillon, L.L.P.
 NUMBER OF CLAIMS: 15
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
 LINE COUNT: 416

L5 ANSWER 22 OF 24 USPATFULL on STN
 ACCESSION NUMBER: 1999:137154 USPATFULL
 TITLE: Microwave dielectric porcelain composition
 INVENTOR(S): Mizui, Toshihiro, Ise, Japan
 PATENT ASSIGNEE(S): NGK Spark Plug Co., Ltd., Aichi, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5977005		19991102
APPLICATION INFO.:	US 1998-78551		19980514 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-157575	19970529
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Group, Karl	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak & Seas, PLLC	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	428	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 23 OF 24 USPATFULL on STN
 ACCESSION NUMBER: 1998:123413 USPATFULL
 TITLE: Dielectric ceramic composition and monolithic ceramic capacitor using the same
 INVENTOR(S): Mizuno, Shinobu, Muko, Japan
 Tanaka, Hidehiko, Shiga-ken, Japan
 PATENT ASSIGNEE(S): Murata Manufacturing Co., Ltd., Kyoto, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5818686		19981006
APPLICATION INFO.:	US 1997-906036		19970805 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1996-206083	19960805
	JP 1996-206084	19960805
DOCUMENT TYPE:	Utility	

FILE SEGMENT: Granted
PRIMARY EXAMINER: Kincaid, Kristine L.
ASSISTANT EXAMINER: Dinkins, Anthony
LEGAL REPRESENTATIVE: Ostrolenk, Faber, Gerb & Soffen, LLP
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1615
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	176.99	177.20

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